

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process, comprising:

determining a maximum usage temperature for a transparent plastic substrate;

determining a minimum coating temperature for forming a coating on the transparent substrate based on the maximum usage temperature; and

forming a coating on at least a portion of a transparent plastic substrate at a temperature greater than or equal to the minimum coating temperature;

wherein:

~~the coated substrate has a maximum usage temperature of~~ is at least 90°C;

~~forming a coating comprises forming the coating at a temperature that is equal to or exceeds a minimum coating temperature; and~~

~~determining the a minimum coating temperature~~ comprises identifying a temperature greater than or equal to a temperature is 20°C less than the maximum usage temperature.

Claim 2 (Previously Presented): The process as claimed in claim 1, wherein forming a coating comprises forming the coating by plasma CVD.

Claim 3 (Previously Presented): The process as claimed in claim 1, wherein forming a coating comprises forming the coating at a temperature that is equal to or exceeds the maximum usage temperature.

Claim 4 (Previously Presented): The process as claimed in claim 1, wherein forming the coating comprises forming a coating at a temperature below a temperature at which the transparent plastic substrate weakens.

Claim 5 (Previously Presented): The process as claimed in claim 1, wherein forming a coating comprises forming the coating at a temperature of about a temperature at which the transparent plastic substrate weakens.

Claim 6 (Previously Presented): The process as claimed in claim 1, further comprising cooling the coated substrate with cooling means.

Claim 7 (Previously Presented): The process as claimed in claim 1, wherein forming a coating comprises forming the coating in several stages.

Claim 8 (Previously Presented): The process as claimed in claim 1, wherein forming a coating comprises, in succession:

- a) stabilizing the substrate to be coated at the temperature that is equal to or exceeds the minimum coating temperature;
- b) forming the coating while maintaining the temperature below a temperature at which the transparent plastic substrate weakens; and
- c) optionally repeating a) and b).

Claim 9 (Previously Presented): The process as claimed in claim 1, wherein:
the transparent plastic substrate comprises polycarbonate; and
forming a coating comprises forming the coating at a temperature at least equal to 120°C.

Claim 10 (Previously Presented): A product, comprising:

a transparent plastic substrate provided with a coating;

wherein:

the coated substrate is formed by the process as claimed in claim 1; and

a mean thickness of the coating is at least 2 μm .

Claim 11 (Cancelled)

Claim 12 (Previously Presented): A vehicle body part, vent, or a window, comprising the product as claimed in claim 10.